SAMSUNG

PORTABLE MP3-CD PLAYER

MCD-SM55/SM60

SERVICE Manual

PORTABLE MP3-CD PLAYER

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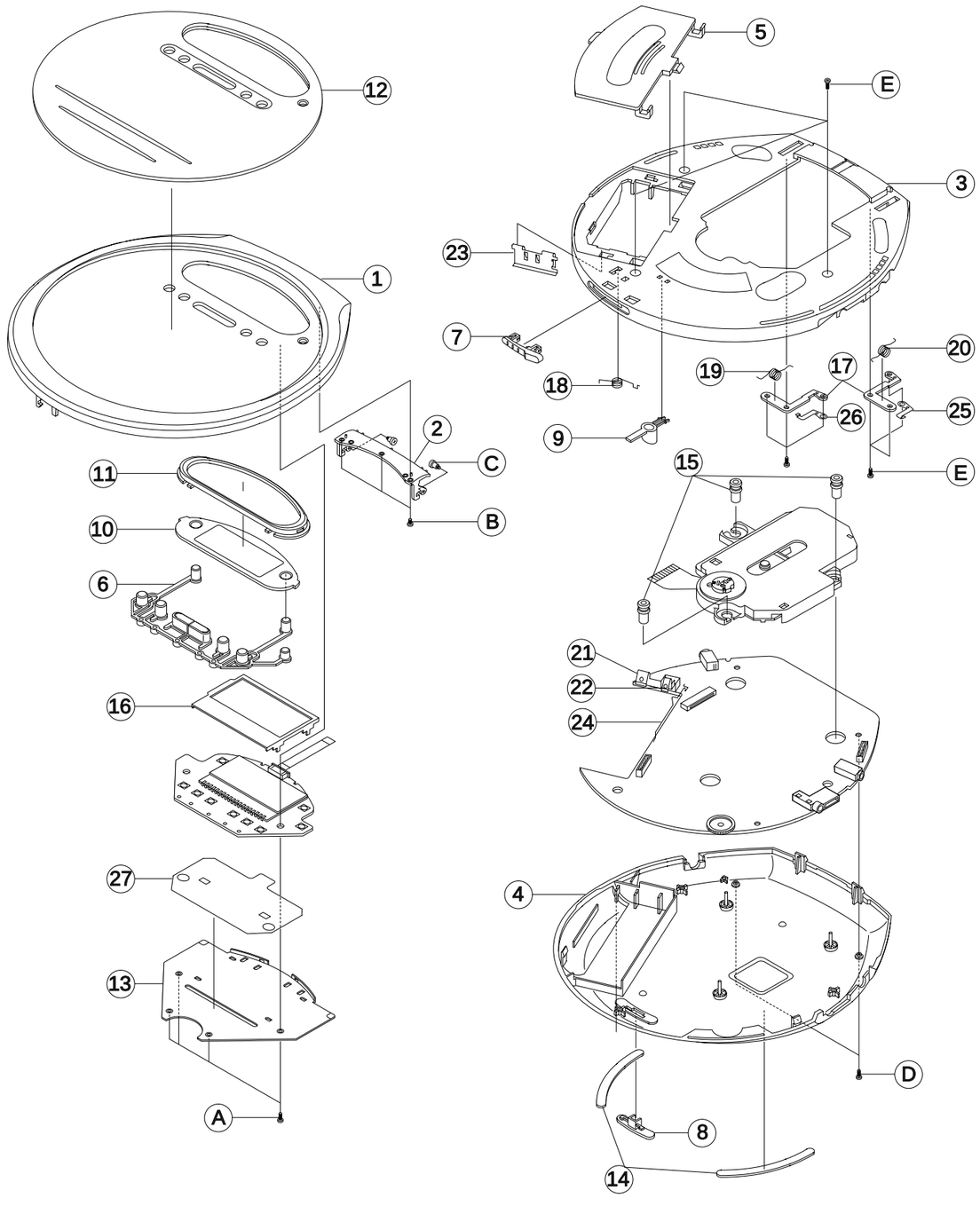
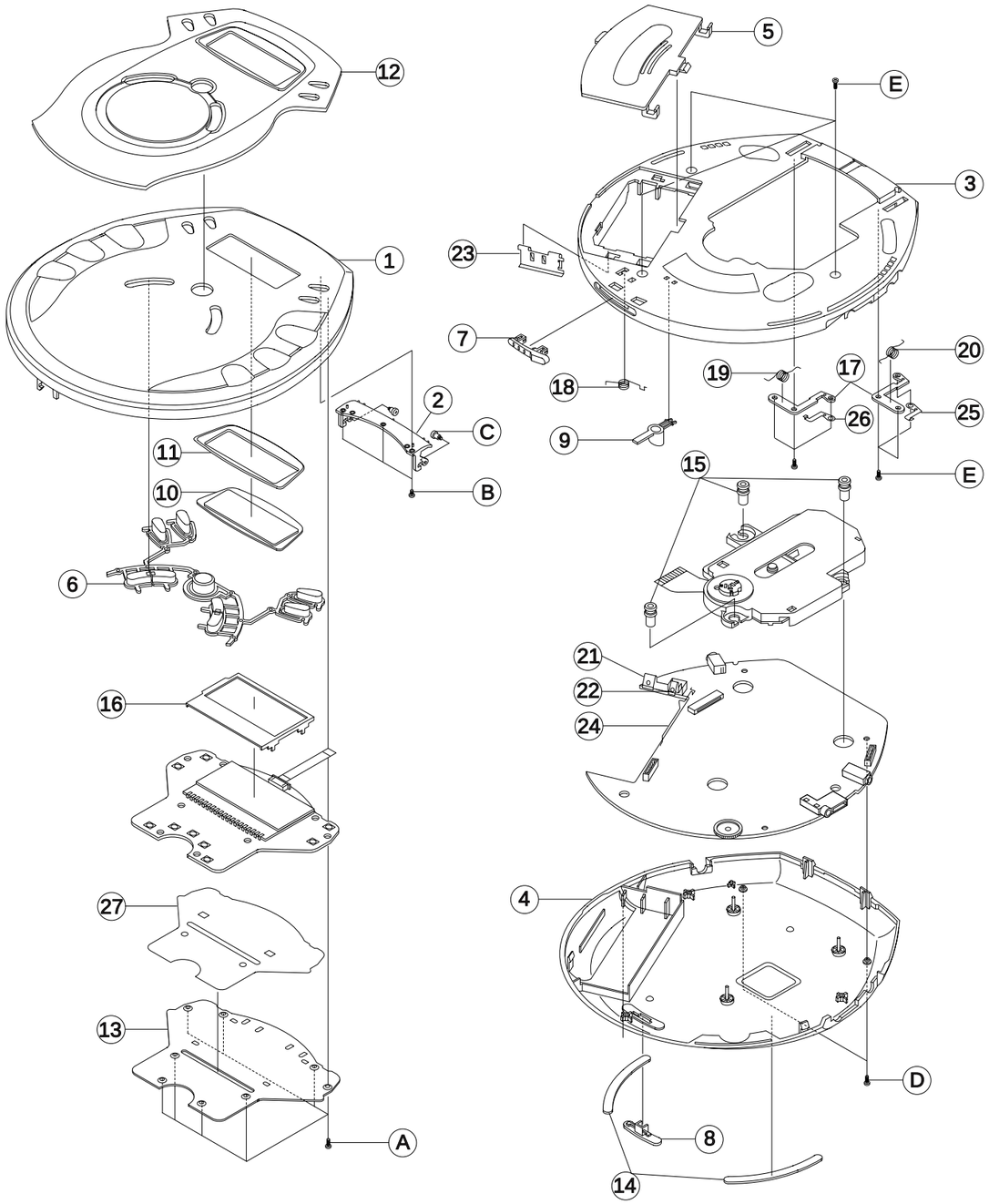
1.Exploded Views and Parts List

1-1 MCD-SM55



No.	Code No.	Description ;	Specification	Q'TY
1	AH64-01610A	CABINET-DOOR	PC+ABS WHT	1
2	AH61-00899A	DOOR-HOLDER	Zn-Dc	1
3	AH64-01599B	CABINET-MIDDLE	PC+ABS D/GRAY	1
4	AH64-01611A	CABINET-BOTTOM	PC+ABS WHT	1
5	AH64-01601A	LID-BATTERY	PC+ABS D/GRAY	1
6	AH64-01761A	KNOB-FUNCTION	ABS NATURAL	1
7	AH64-01603A	KNOB-OPEN	PC+ABS,L/GRAY	1
8	AH64-01606A	KNOB-HOLD	ABS WHT	1
9	AH61-00900A	HOLDER-LEAF S/W	ABS L/GRAY	1
10	AH64-01613A	WINDOW-LCD	PMMA CLR	1
11	AH64-01614A	DECO-LCD	ABS NATURAL	1
12	AH64-01615A	DECO-DOOR	PMMA BLUE	1
13	AH63-00366A	COVER-DOOR PCB	SECC T0.4	1
14	AH73-00027C	RUBBER-FOOT	PORON 1.0T,BLK	2
15	AH73-00018A	RUBBER-CD	SILICON,BLK	3
16	AH61-00901A	BRKT-LCD	SPTE T0.3	1
17	AH61-00902A	BRKT-HINGE	SECC T1.2	2
18	AH61-00903A	SPRING-OPEN	SUS PI0.3	1
19	AH61-00904A	SPRING-HINGE,L	SWPR PI 1.0	1
20	AH61-00904B	SPRING-HINGE,R	SWPR PI 1.0	1
21	AH61-00905A	SPRING-BATT,+	SUS303 T0.3,Au-P	1
22	AH61-00906A	SPRING-BATT,-	SUS303 T0.3,Au-P	1
23	AH61-00907A	SPRING-BATT GND	SUS303 T0.3,Au-P	1
24	AH61-00908A	SPRING-CHARGER	SWR PI 0.6,Au-P	1
25	AH61-01042A	SPRING-ETC TENSION L		1
26	AH61-01042B	SPRING-ETC TENSION R		1
27	AH63-00401B	SHEET-COVER PCB	PVC T0.1,CLR	1
A	6003-001152	SCREW-TAP TITE CH	1.4x3,Ni-P	6
B	6003-001303	SCREW-TAP TITE CH	2.0x4,Cr-p(ϕ3.0)	3
C	6009-001288	SCREW-SPECIAL CH	1.4x1.7,Cr-P	2
D	6003-001304	SCREW-TAP TITE CH	2.0x8,Cr-p	2
E	6003-000346	SCREW-TAP TITE CH	2.0x5,BLK(ϕ3.5)	9



No.	Code No.	Description ;	Specification	Q'TY
1	AH64-01694A	CABINET-DOOR	PC+ABS WHT	1
2	AH61-00899A	DOOR-HOLDER	Zn-Dc,Cr-p	1
3	AH64-01599B	CABINET-MIDDLE	PC+ABS D/GRAY	1
4	AH64-01611A	CABINET-BOTTOM	PC+ABS WHT	1
5	AH64-01601A	LID-BATTERY	PC+ABS D/GRAY	1
6	AH64-01696A	KNOB-FUNCTION	ABS NATURAL,Cr-P	1
7	AH64-01603A	KNOB-OPEN	PC+ABS,L/GRAY	1
8	AH64-01606A	KNOB-HOLD	ABS L/GRAY	1
9	AH61-00900A	HOLDER-LEAF S/W	ABS L/GRAY	1
10	AH64-01697A	WINDOW-LCD	PMMA CLR	1
11	AH64-01698A	DECO-LCD	ABS NATURAL,Cr-P	1
12	AH64-01695A	DECO-DOOR	PMMA BLUE,SPRAY	1
13	AH61-00960A	BRKT-COVER PCB	SECC T0.4	1
14	AH73-00027C	RUBBER-FOOT	PORON 1.0T,BLK	2
15	AH73-00018A	RUBBER-CD	SILICON,BLK	3
16	AH61-00901A	BRKT-LCD	SPTE T0.3	1
17	AH61-00902A	BRKT-HINGE	SECC T1.2	2
18	AH61-00903A	SPRING-OPEN	SUS PI0.3	1
19	AH61-00904A	SPRING-HINGE,L	SWPR PI0.9	1
20	AH61-00904B	SPRING-HINGE,R	SWPR PI0.9	1
21	AH61-00905A	SPRING-BATT,+	SUS303 T0.3,Au-P	1
22	AH61-00906A	SPRING-BATT,-	SUS303 T0.3,Au-P	1
23	AH61-00907A	SPRING-BATT GND	SUS303 T0.3,Au-P	1
24	AH61-00908A	SPRING-CHARGER	SWR PI 0.6,Au-P	1
25	AH61-01042A	SPRING-ETC TENSION L		1
26	AH61-01042B	SPRING-ETC TENSION R		1
27	AH63-00401B	SHEET-COVER PCB	PVC T0.1,CLR	1
A	6003-001152	SCREW-TAP TITE CH	1.4X3,Ni-P	8
B	6003-001303	SCREW-TAP TITE CH	2.0X4,Cr-p(ϕ3.0)	3
C	6009-001288	SCREW-SPECIAL CH	1.4X1.7,Cr-P	2
D	6003-001304	SCREW-TAP TITE CH	2.0X8,Cr-p	2
E	6003-000346	SCREW-TAP TITE CH	2.0X5,BLK(ϕ3.5)	9

2. Electrical Parts List

Location no	Code no.	Description	Specifiation	Remarks

****** MCD-SM55 Parts List ******

	4301-001114	BATTERY-ALKALINE;LR6 AM3		
	AH59-00035N	PHONE-ASSY;-,-,16OHM,560MM,PI14.8		
CD DECK	AH59-00099A	DECK;DA23LN,MCD-MP65,BALL,-,-,-,DEC		
	AH59-00977A	REMOCON-ASSY;RM-SM75,SAMSUNG,-, ,-,-,-		
	AH68-01007V	MANUAL-BOOK;MCD-SM55,-,ENG,-,80G PAPER,-		

AH92-01288A ASSY PCB-MAIN;MCD-SM55,ASS'Y MAIN

DZ601	0403-000341	DIODE-ZENER;UZ3.3B,3.3V,3.1-3.5V,500mW,D		
VR701	2101-001081	VR-ROTARY;XV0102GPHIN 15C30K-3115		
SW401	3409-001004	SWITCH-DETECTOR;DC 30V,0.1A,DPDT,30gf,PU		
CW102	3711-004381	CONNECTOR-HEADER;BOX,6P,1R,1.5MM,STRAIGH		
CW401	3711-004381	CONNECTOR-HEADER;BOX,6P,1R,1.5MM,STRAIGH		
LJACK1	3722-001493	JACK-PHONE;TC38-071-01		
DCJACK1	3722-001525	JACK-DC POEWR;3P,1.65mm,NI,BLK,-		
RJACK1	AH37-00015A	JACK-PHONE;-,-,-,-,MY-MP200		
D601	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,		
D401	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323		
D301	0404-000144	DIODE-SCHOTTKY;SB01-05CP,50V,100mA,SOT-2		
D602	0404-000145	DIODE-SCHOTTKY;SB07-03C,30V,700mA,SOT-23		
D603	0404-000145	DIODE-SCHOTTKY;SB07-03C,30V,700mA,SOT-23		
Q101	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,		
Q703	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-		
Q704	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-		
Q603	0501-000528	TR-SMALL SIGNAL;KSC2982B,NPN,500mW,SOT-8		
Q601	0501-000632	TR-SMALL SIGNAL;2SB1197K,PNP,200MW,SOT-2		
Q802	0504-000127	TR-DIGITAL;-,NPN,200MW,10K/10K,SOT-23,TP		
Q701	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP		
Q607	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP		
Q804	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT		
Q801	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT		
Q702	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT		
Q805	0504-000158	TR-DIGITAL;KSR2104,PNP,200mW,47K/47K,SOT		
Q803	0504-000158	TR-DIGITAL;KSR2104,PNP,200mW,47K/47K,SOT		
Q604	0505-001424	FET-SILICON;2SK30,N,30V,2A,0.45OHM,0.5W		
Q605	0505-001424	FET-SILICON;2SK30,N,30V,2A,0.45OHM,0.5W		
Q606	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05O		
Q602	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05O		
IC401	0903-001254	IC-MICROCONTROLLER;LC87F5064A,8BIT,QFP,6		
IC201	0904-001522	IC-DSP;5L9288,16Bit,TQFP,80P,472MIL,1		
IC301	1003-001366	IC-MOTOR DRIVER;BH6508FS,SSOP,32P,212MIL		
IC202	1105-001339	IC-DRAM;11L1644,4Mx4Bit,TSOP,24P,300MI		
IC701	1201-001820	IC-AUDIO AMP;BA3577FS,SSOP-A20,20P,213MI		
IC402	1203-001369	IC-VOL,DETEVCTOR;XC61CN1902MR,SOT-23,3P,		
IC601	1203-002175	IC-DC/DC CONVERTER;6367,SOT-25,5P,63MIL,		
IC302	1203-002176	IC-DC/DC CONVERTER;6383,SOT-89,3P,98MIL,		
IC602	1203-002274	IC-DC/DC CONVERTER;6368,SOT-25,5P,-,PLAS		
IC101	1204-001799	IC-ASP;KB9226,LQFP,48P,393MIL,PLASTIC		
IC203	1204-001885	IC-DECODER;S5L9276,LQFP,64P,-,PLASTIC,3.		
R419	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608		
R701	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608		
R702	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608		
R203	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608		
R209	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608		
R215	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608		
R805	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608		
R804	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608		
R715	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608		
R205	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608		
R113	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608		
R432	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R431	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R427	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R433	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R434	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R610	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R611	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R401	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R206	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R207	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R208	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R230	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R252	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R251	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R250	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608		
R435	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R425	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R424	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R410	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R601	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R602	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R703	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R704	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R201	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R402	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		

Location no	Code no.	Description	Specifiation	Remarks

R403	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R404	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R405	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R406	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R407	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R408	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		
R111	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608		
R114	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608		
R803	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		
R801	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		
R609	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		
R119	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		
R118	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		
R126	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608		
R109	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608		
R115	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608		
R122	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608		
R120	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608		
R430	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608		
R129	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608		
R123	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608		
R127	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608		
R105	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608		
R104	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608		
R103	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608		
R102	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608		
R121	2007-000100	R-CHIP;68Kohm,5%,1/16W,DA,TP,1608		
R802	2007-000101	R-CHIP;82Kohm,5%,1/16W,DA,TP,1608		
R708	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R707	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R426	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R423	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R421	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R231	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R301	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R409	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R413	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		
R106	2007-000103	R-CHIP;120Kohm,5%,1/16W,DA,TP,1608		
R101	2007-000103	R-CHIP;120Kohm,5%,1/16W,DA,TP,1608		
R130	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608		
R125	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608		
R124	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608		
R422	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		
R202	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		
R117	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		
R107	2007-000115	R-CHIP;82ohm,5%,1/16W,DA,TP,1608		
R714	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608		
R713	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608		
R705	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		
R706	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		
R712	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608		
R711	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608		
R128	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608		
R110	2007-000132	R-CHIP;180Kohm,5%,1/16W,DA,TP,1608		
R108	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608		
R603	2007-000310	R-CHIP;10OHM,5%,1/2W,DA,TP,5025		
R721	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608		
R720	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608		
R607	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608		
R612	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608		
R613	2007-000882	R-CHIP;4.7ohm,5%,1/16W,DA,TP,1608		
C112	2203-000125	C-CERAMIC,CHIP;1.2nF,10%,50V,X7R,TP,1608		
C104	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608		
C411	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C410	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C405	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C402	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C310	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C307	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C262	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C412	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C805	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C801	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C615	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C614	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C604	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C601	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C413	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C141	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C140	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C131	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C130	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C117	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C115	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C114	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C146	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C254	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C230	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		
C225	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,		

Location no	Code no.	Description Specifiation	Remarks
C210	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C147	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C202	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C206	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C804	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C803	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C742	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C741	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C740	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C406	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C261	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C253	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C251	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C250	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C706	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C705	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C613	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C610	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C608	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C133	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C123	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C121	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C105	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C103	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C223	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C221	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C213	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C212	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C211	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C708	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C707	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C116	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C102	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C128	2203-000491	C-CERAMIC,CHIP;2.2NF,10%,50V,X7R,1608,-	
C301	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
C420	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
C421	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
C422	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
C129	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
C209	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
C219	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
C226	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608	
C208	2203-000626	C-CERAMIC,CHIP;22pF,5%,50V,NPO,TP,1608,-	
C207	2203-000626	C-CERAMIC,CHIP;22pF,5%,50V,NPO,TP,1608,-	
C132	2203-000800	C-CERAMIC,CHIP;33nF,10%,25V,X7R,TP,1608	
C119	2203-000800	C-CERAMIC,CHIP;33nF,10%,25V,X7R,TP,1608	
C305	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C304	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C303	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C302	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C111	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C124	2203-001140	C-CERAMIC,CHIP;68nF,10%,16V,X7R,TP,1608,	
C106	2203-001140	C-CERAMIC,CHIP;68nF,10%,16V,X7R,TP,1608,	
C257	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608	
C204	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608	
C203	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608	
C721	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,	
C720	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,	
C126	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
C408	2203-001636	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
C407	2203-001636	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160	
C127	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160	
C122	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C120	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
C259	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C260	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
C716	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
C714	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
C108	2402-000107	C-AL,SMD;100uF,20%,6.3V,GP,TP,6.6x6.6x5	
C712	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C711	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C704	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C703	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
C308	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
C609	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C611	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C723	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C724	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C606	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C306	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C409	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C603	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C605	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4	
C602	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.	
C715	2404-000120	C-TA,CHIP;10uF,20%,10V,-,TP,3528,-	
C125	2404-000120	C-TA,CHIP;10uF,20%,10V,-,TP,3528,-	
C718	2404-000148	C-TA,CHIP;1UF,10%,20V,-,TP,3216	
C717	2404-000148	C-TA,CHIP;1UF,10%,20V,-,TP,3216	
C101	2404-000361	C-TA,CHIP;22UF,20%,4V,3216	
C713	2404-000361	C-TA,CHIP;22UF,20%,4V,3216	
C113	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,	
C113	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,	
C802	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C616	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	

Location no	Code no.	Description Specifiation	Remarks
C309	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C255	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C205	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C214	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C220	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C222	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C612	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C719	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C725	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C806	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C607	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C107	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C118	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C145	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C224	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028	
C311	2404-001266	C-TA,CHIP;47UF,20%,10V,-,TP,3528	
L802	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
L801	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
L701	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
L603	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
L301	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
L101	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm	
L302	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2,LQH3C10	
L601	2703-001020	INDUCTOR-SMD;47UH,20%,7*7*3.2MM	
L602	2703-002331	INDUCTOR-SMD;10UH,20%,7.0X7.0X4.5MM	
X201	2802-001012	RESONATOR-CERAMIC;16.934MHZ,0.5%,TP,3.7X	
X401	2802-001167	RESONATOR-CERAMIC;3.58MHZ,0.5%,TP,7.2X3.	
B706	3301-000325	CORE-FERRITE BEAD;AB,3.2x2.5x1.3mm,-,-	
B705	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2	
B704	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2	
B703	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2	
B702	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2	
B250	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2	
B601	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2	
B602	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2	
B701	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2	
MSW1	3408-001038	SWITCH-SLIDE;4V,300MA,SPST,ON-ON,1	
CW103	3708-001236	CONNECTOR-FPC/FFC/PIC;10P,0.5mm,SMD-A,SN	
CW101	3708-001419	CONNECTOR-FPC/FFC/PIC;16P,1MM,SMD-A,SN	

AH92-01289A ASSY PCB-FRONT;MCD-SM55,ASS'Y FRONT

FLCD1	AH07-00063A	LCD;D1605A,-,FULL DOT,43.4MM*28MM,GRAY/B	
	AH41-00415A	FPC;MCD-SM75FPC,-,-,10,-	
	AH61-00901A	BRACKET-LCD;MCD-SM75,SPTE,T0.3,-,-,-,-	
FR9	2007-000065	R-CHIP;2.2Mohm,5%,1/16W,DA,TP,1608	
FR2	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
FR4	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
FR5	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
FR6	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
FR7	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
FR8	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
FR12	2007-000101	R-CHIP;82Kohm,5%,1/16W,DA,TP,1608	
FR1	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
FR3	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
FR10	2007-001235	R-CHIP;910Kohm,5%,1/16W,DA,TP,1608	
FC12	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
FC5	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
FC4	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
FC3	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
FC1	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
FC10	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
FC2	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP	
FC9	2404-000148	C-TA,CHIP;1UF,10%,20V,-,TP,3216	
FC8	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,	
FC7	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,	
FC6	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,	
FSW6	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FSW7	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FSW8	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FSW9	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FSW5	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FSW1	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FSW2	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FSW3	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FSW4	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M	
FCW1	3708-001236	CONNECTOR-FPC/FFC/PIC;10P,0.5mm,SMD-A,SN	

****** MCD-SM60 Parts List ******

	4302-001125	BATTERY-NIH(2ND);1.2V,-,AA,3000MA,-,150M	
	AH44-00023A	ADAPTOR;-,MCD-SM75,220V,60HZ,4.5VDC+/-	
	AH59-00035N	PHONE-ASSY;-,-,16OHM,560MM,PI14.8	
	AH59-00099A	DECK;DA23LN,MCD-MP65,BALL,-,-,-,DEC	
	AH59-00976A	REMOCON-ASSY;RM-SM95,SAMSUNG,-, ,-,-,-,-	
	AH68-01001A	MANUAL USERS;MCD-SM60,KOREA,-,-,100G PAP	

AH92-01288A ASSY PCB-MAIN;MCD-SM55,ASS'Y MAIN

DZ601	0403-000341	DIODE-ZENER;UZ3.3B,3.3V,3.1-3.5V,500mW,D	
VR701	2101-001081	VR-ROTARY;XV0102GPHIN 15C30K-3115	
SW401	3409-001004	SWITCH-DETECTOR;DC 30V,0.1A,DPDT,30gf,PU	
CW102	3711-004381	CONNECTOR-HEADER;BOX,6P,1R,1.5MM,STRAIGH	

Location no	Code no.	Description Specifiation	Remarks
CW401	3711-004381	CONNECTOR-HEADER;BOX,6P,1R,1.5MM,STRAIGH	
LJACK1	3722-001493	JACK-PHONE;TC38-071-01	
DCJACK1	3722-001525	JACK-DC POEWR;3P,1.65mm,NI,BLK,-	
RJACK1	AH37-00015A	JACK-PHONE;-,-,-,-,MY-MP200	
D601	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
D401	0401-001090	DIODE-SWITCHING;1SS355,80V,225mA,SOD-323	
D301	0404-000144	DIODE-SCHOTTKY;SB01-05CP,50V,100mA,SOT-2	
D603	0404-000145	DIODE-SCHOTTKY;SB07-03C,30V,700mA,SOT-23	
D602	0404-000145	DIODE-SCHOTTKY;SB07-03C,30V,700mA,SOT-23	
Q101	0501-000314	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	
Q704	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q703	0501-000341	TR-SMALL SIGNAL;KSC1623-L,NPN,200mW,SOT-	
Q603	0501-000528	TR-SMALL SIGNAL;KSC2982B,NPN,500mW,SOT-8	
Q601	0501-000632	TR-SMALL SIGNAL;2SB1197K,PNP,200MW,SOT-2	
Q802	0504-000127	TR-DIGITAL;-,NPN,200MW,10K/10K,SOT-23,TP	
Q607	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
Q701	0504-000128	TR-DIGITAL;-,NPN,200MW,22K/22K,SOT-23,TP	
Q804	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
Q801	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
Q702	0504-000156	TR-DIGITAL;KSR2103,PNP,200MW,22K/22K,SOT	
Q805	0504-000158	TR-DIGITAL;KSR2104,PNP,200mW,47K/47K,SOT	
Q803	0504-000158	TR-DIGITAL;KSR2104,PNP,200mW,47K/47K,SOT	
Q604	0505-001424	FET-SILICON;2SK30,N,30V,2A,0.45OHM,0.5W	
Q605	0505-001424	FET-SILICON;2SK30,N,30V,2A,0.45OHM,0.5W	
Q606	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05O	
Q602	0505-001426	FET-SILICON;IRLML6401,P,-12V,-4.3A,0.05O	
IC401	0903-001254	IC-MICROCONTROLLER;LC87F5064A,8BIT,QFP,6	
IC201	0904-001522	IC-DSP;5L9288,16Bit,TQFP,80P,472MIL,1	
IC301	1003-001366	IC-MOTOR DRIVER;BH6508FS,SSOP,32P,212MIL	
IC202	1105-001339	IC-DRAM:11L1644,4Mx4Bit,TSOP,24P,300MI	
IC701	1201-001820	IC-AUDIO AMP;BA3577FS,SSOP-A20,20P,213MI	
IC402	1203-001369	IC-VOL,DETEVCTOR;XC61CN1902MR,SOT-23,3P,	
IC601	1203-002175	IC-DC/DC CONVERTER;6367,SOT-25,5P,63MIL,	
IC302	1203-002176	IC-DC/DC CONVERTER;6383,SOT-89,3P,98MIL,	
IC602	1203-002274	IC-DC/DC CONVERTER;6368,SOT-25,5P,-,PLAS	
IC101	1204-001799	IC-ASP;KB9226,LQFP,48P,393MIL,PLASTIC	
IC203	1204-001885	IC-DECODER;S5L9276,LQFP,64P,-,PLASTIC,3.	
R702	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R701	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R419	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R203	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R209	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R215	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R805	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
R804	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
R715	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
R205	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
R113	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
R432	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R431	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R427	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R433	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R434	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R610	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R611	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R401	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R206	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R207	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R208	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R230	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R252	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R251	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R250	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R435	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R425	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R424	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R410	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R601	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R602	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R703	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R704	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R201	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R402	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R403	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R404	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R408	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R407	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R406	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R405	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R111	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
R114	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R803	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R801	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R609	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R119	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R118	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R126	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R109	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R115	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
R122	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R120	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R430	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R129	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	

Location no	Code no.	Description Specifiation	Remarks
R123	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R127	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
R105	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
R104	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
R103	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
R102	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
R121	2007-000100	R-CHIP;68Kohm,5%,1/16W,DA,TP,1608	
R802	2007-000101	R-CHIP;82Kohm,5%,1/16W,DA,TP,1608	
R708	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R707	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R426	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R423	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R421	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R231	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R301	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R409	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R413	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R106	2007-000103	R-CHIP;120Kohm,5%,1/16W,DA,TP,1608	
R101	2007-000103	R-CHIP;120Kohm,5%,1/16W,DA,TP,1608	
R130	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R125	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R124	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R422	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R202	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R117	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R107	2007-000115	R-CHIP;82ohm,5%,1/16W,DA,TP,1608	
R714	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R713	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R705	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R706	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R712	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
R711	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
R128	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
R110	2007-000132	R-CHIP;180Kohm,5%,1/16W,DA,TP,1608	
R108	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
R603	2007-000310	R-CHIP;10OHM,5%,1/2W,DA,TP,5025	
R720	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R721	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608	
R612	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
R607	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
R613	2007-000882	R-CHIP;4.7ohm,5%,1/16W,DA,TP,1608	
C112	2203-000125	C-CERAMIC,CHIP;1.2nF,10%,50V,X7R,TP,1608	
C104	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
C411	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C410	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C405	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C402	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C310	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C307	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C262	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C412	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C805	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C801	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C615	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C614	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C604	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C601	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C413	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C141	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C140	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C131	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C130	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C117	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C115	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C114	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C146	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C254	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C230	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C225	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C210	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C147	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C202	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C206	2203-000178	C-CERAMIC,CHIP;100NF,+80-20%,25V,Y5V,TP,	
C804	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C803	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C742	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C741	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C740	2203-000236	C-CERAMIC,CHIP;100PF,5%,50V,NPO,1608	
C406	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C261	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C253	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C251	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C250	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C706	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C705	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C613	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C610	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C608	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C133	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C123	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C121	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C105	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	
C103	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608	

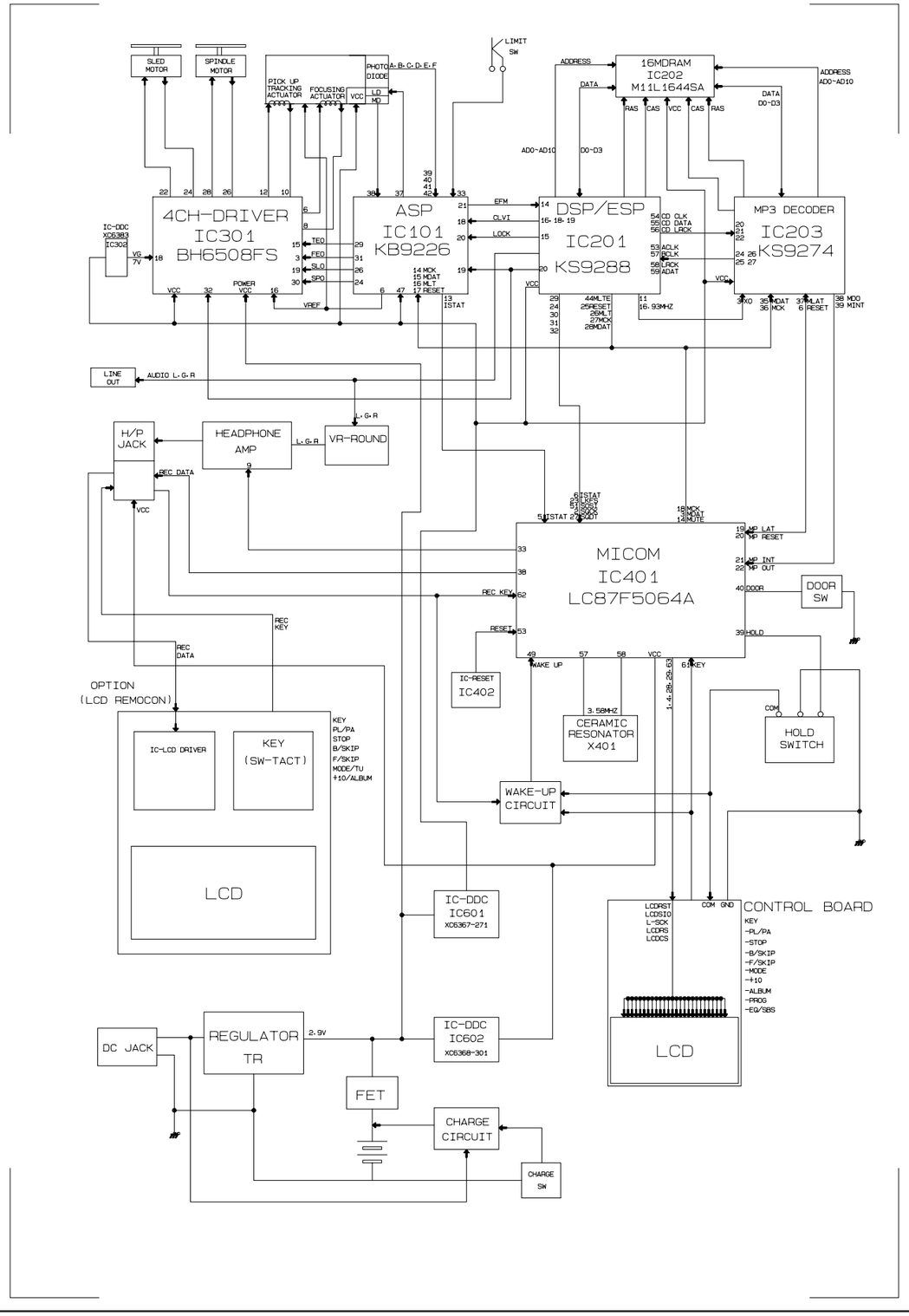
Location no	Code no.	Description	Specifiation	Remarks
C223	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608		
C221	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608		
C213	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608		
C212	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608		
C211	2203-000257	C-CERAMIC,CHIP;10NF,10%,50V,X7R,TP,1608		
C708	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		
C707	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		
C116	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		
C102	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		
C128	2203-000491	C-CERAMIC,CHIP;2.2NF,10%,50V,X7R,1608,-		
C301	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608		
C420	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608		
C421	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608		
C422	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608		
C129	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608		
C209	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608		
C219	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608		
C226	2203-000592	C-CERAMIC,CHIP;0.22nF,5%,50V,NPO,TP,1608		
C208	2203-000626	C-CERAMIC,CHIP;22pF,5%,50V,NPO,TP,1608,-		
C207	2203-000626	C-CERAMIC,CHIP;22pF,5%,50V,NPO,TP,1608,-		
C132	2203-000800	C-CERAMIC,CHIP;33nF,10%,25V,X7R,TP,1608		
C119	2203-000800	C-CERAMIC,CHIP;33nF,10%,25V,X7R,TP,1608		
C305	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608		
C304	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608		
C303	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608		
C302	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608		
C111	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608		
C124	2203-001140	C-CERAMIC,CHIP;68nF,10%,16V,X7R,TP,1608,		
C106	2203-001140	C-CERAMIC,CHIP;68nF,10%,16V,X7R,TP,1608,		
C257	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608		
C204	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608		
C203	2203-001222	C-CERAMIC,CHIP;820pF,10%,50V,X7R,TP,1608		
C721	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,		
C720	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,		
C126	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,		
C408	2203-001636	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160		
C407	2203-001636	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,160		
C127	2203-001640	C-CERAMIC,CHIP;0.39nF,10%,50V,X7R,TP,160		
C122	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,		
C120	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,		
C259	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608		
C260	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608		
C716	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP		
C714	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP		
C108	2402-000107	C-AL,SMD;100uF,20%,6.3V,GP,TP,6.6x6.6x5		
C712	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4		
C711	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4		
C704	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4		
C703	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4		
C308	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4		
C609	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C611	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C723	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C724	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C606	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C306	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C409	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C603	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C605	2402-001008	C-AL,SMD;220uF,20%,4V,GP,TP,6.6x6.6x5.4		
C602	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.		
C715	2404-000120	C-TA,CHIP;10uF,20%,10V,-,TP,3528,-		
C125	2404-000120	C-TA,CHIP;10uF,20%,10V,-,TP,3528,-		
C718	2404-000148	C-TA,CHIP;1UF,10%,20V,-,TP,3216		
C717	2404-000148	C-TA,CHIP;1UF,10%,20V,-,TP,3216		
C101	2404-000361	C-TA,CHIP;22UF,20%,4V,3216		
C713	2404-000361	C-TA,CHIP;22UF,20%,4V,3216		
C113	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,		
C113	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,		
C802	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-		
C616	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-		
C309	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-		
C255	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-		
C205	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-		
C214	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-		
C220	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-		
C222	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-		
C612	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C719	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C725	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C806	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C607	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C107	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C118	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C145	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C224	2404-001134	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028		
C311	2404-001266	C-TA,CHIP;47UF,20%,10V,-,TP,3528		
L802	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm		
L801	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm		
L701	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm		
L101	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm		
L301	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm		
L603	2703-000001	INDUCTOR-SMD;10uH,10%,2.5x3.2x2mm		
L302	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2,LQH3C10		

Location no	Code no.	Description	Specifiation	Remarks
L601	2703-001020	INDUCTOR-SMD;47UH,20%,7*7*3.2MM		
L602	2703-002331	INDUCTOR-SMD;10UH,20%,7.0X7.0X4.5MM		
X201	2802-001012	RESONATOR-CERAMIC;16.934MHZ,0.5%,TP,3.7X		
X401	2802-001167	RESONATOR-CERAMIC;3.58MHZ,0.5%,TP,7.2X3.		
B706	3301-000325	CORE-FERRITE BEAD;AB,3.2x2.5x1.3mm,-,-		
B702	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2		
B703	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2		
B704	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2		
B705	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2		
B250	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2		
B601	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2		
B602	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2		
B701	3301-000353	CORE FERRITE BEAD;BLM21A121SP,AB 2.0*1.2		
MSW1	3408-001038	SWITCH-SLIDE;4V,300MA,SPST,ON-ON,1		
CW103	3708-001236	CONNECTOR-FPC/FFC/PIC;10P,0.5mm,SMD-A,SN		
CW101	3708-001419	CONNECTOR-FPC/FFC/PIC;16P,1MM,SMD-A,SN		
PCB	AH41-00435A	PCB;MCD-SM55,MAIN,EPOXY,2 LAYER,-,		

AH92-01404A ASSY PCB-FRONT;MCD-SM60,ASS'Y FRONT

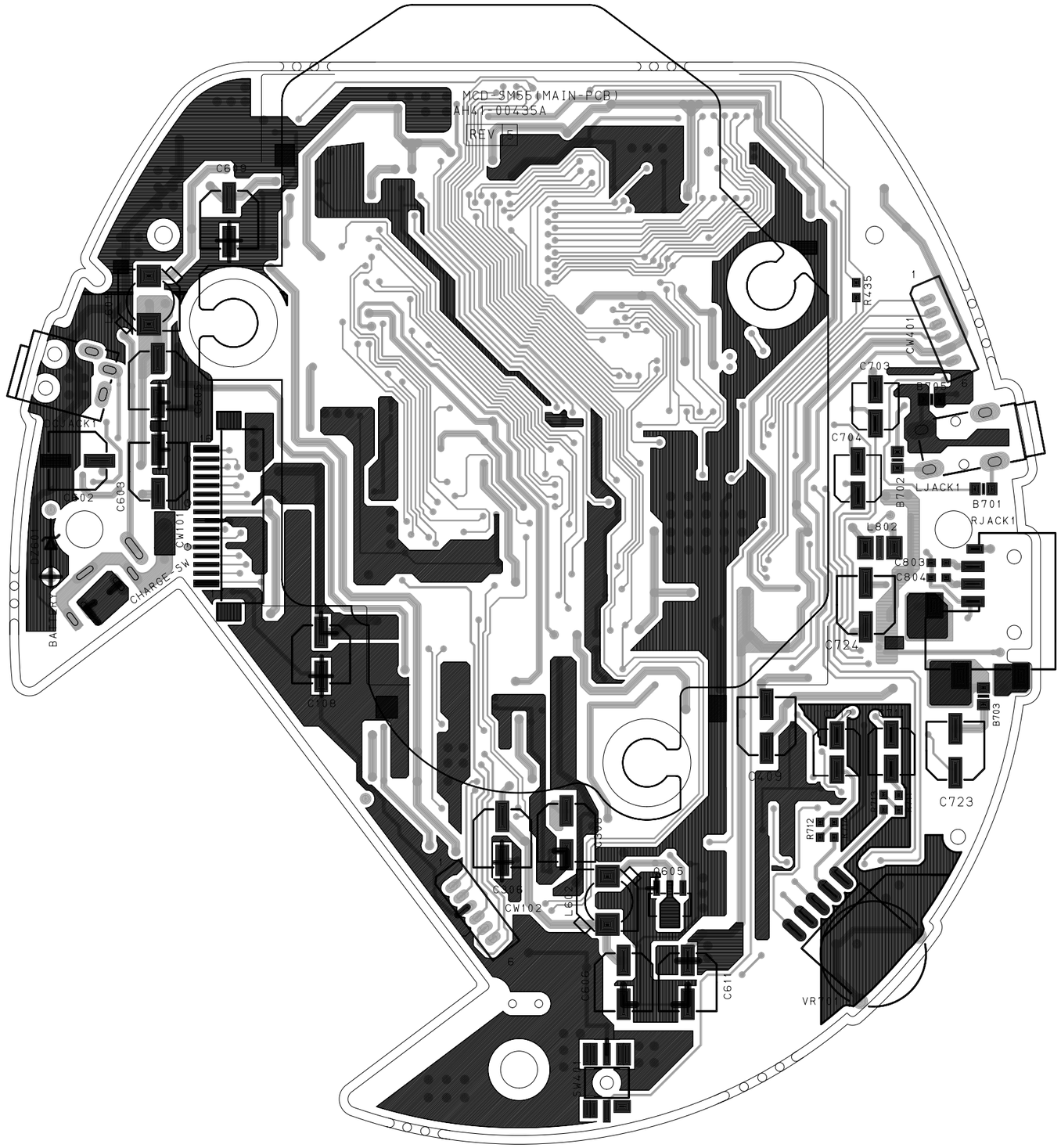
FLCD1	AH07-00063A	LCD;D1605A,-,FULL DOT,43.4MM*28MM,GRAY/B		
FR9	2007-000065	R-CHIP;2.2Mohm,5%,1/16W,DA,TP,1608		
FR14	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608		
FR2	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608		
FR4	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608		
FR5	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608		
FR6	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608		
FR13	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		
FR7	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608		
FR8	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608		
FR12	2007-000101	R-CHIP;82Kohm,5%,1/16W,DA,TP,1608		
FR1	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608		
FR3	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		
FR10	2007-001235	R-CHIP;910Kohm,5%,1/16W,DA,TP,1608		
FC5	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP		
FC4	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP		
FC3	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP		
FC1	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP		
FC10	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP		
FC2	2203-005065	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,TP		
FC9	2404-000148	C-TA,CHIP;1UF,10%,20V,-,TP,3216		
FC8	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,		
FC7	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,		
FC6	2404-000367	C-TA,CHIP;4.7uF,20%,6.3V,-,3216,-,		
FSW6	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FSW7	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FSW8	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FSW9	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FSW5	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FSW1	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FSW2	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FSW3	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FSW4	3404-001121	SWITCH-TACT;SKQRAAE,G4162462M		
FCW1	3708-001236	CONNECTOR-FPC/FFC/PIC;10P,0.5mm,SMD-A,SN		

3. Block Diagram

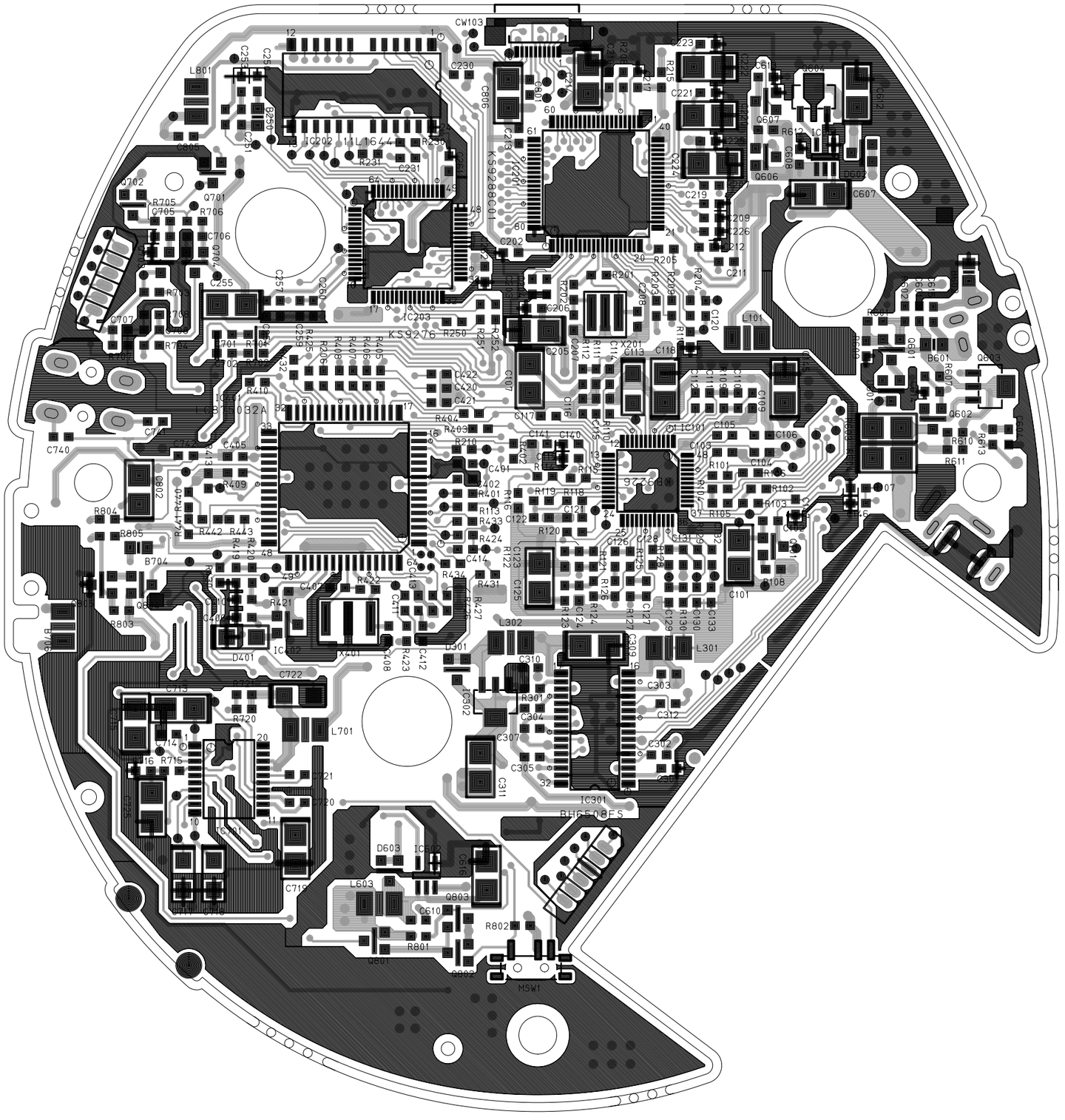


4. Printed Circuit Board Diagram

4-1 MAIN TOP VIEW

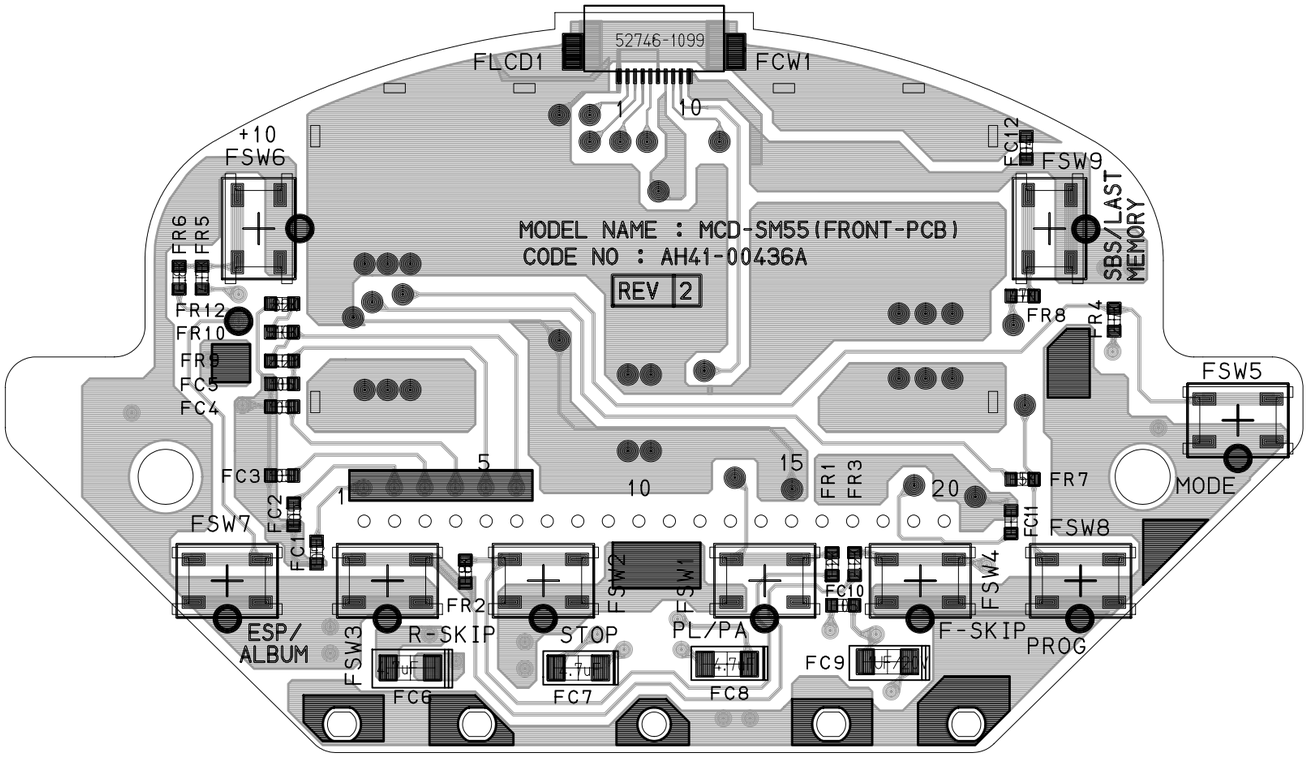


4-2 MAIN BOTTOM VIEW

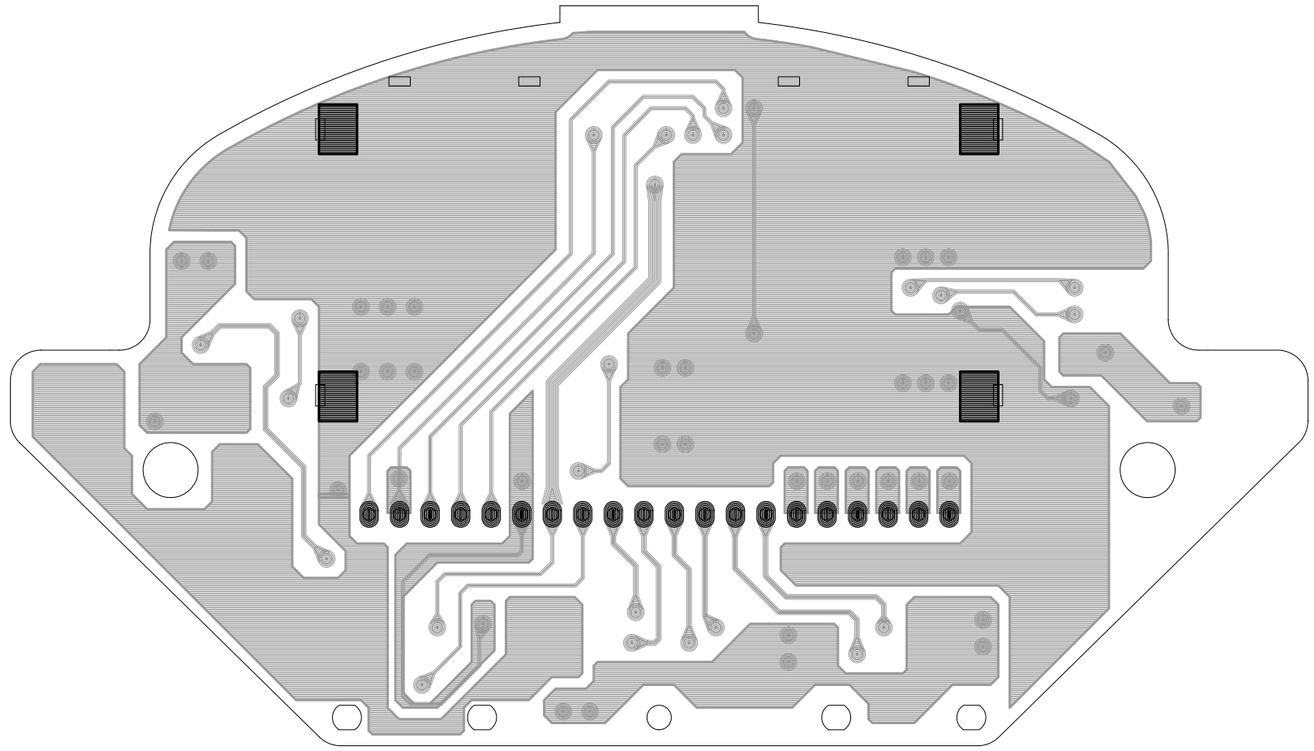


4-3 FRONT

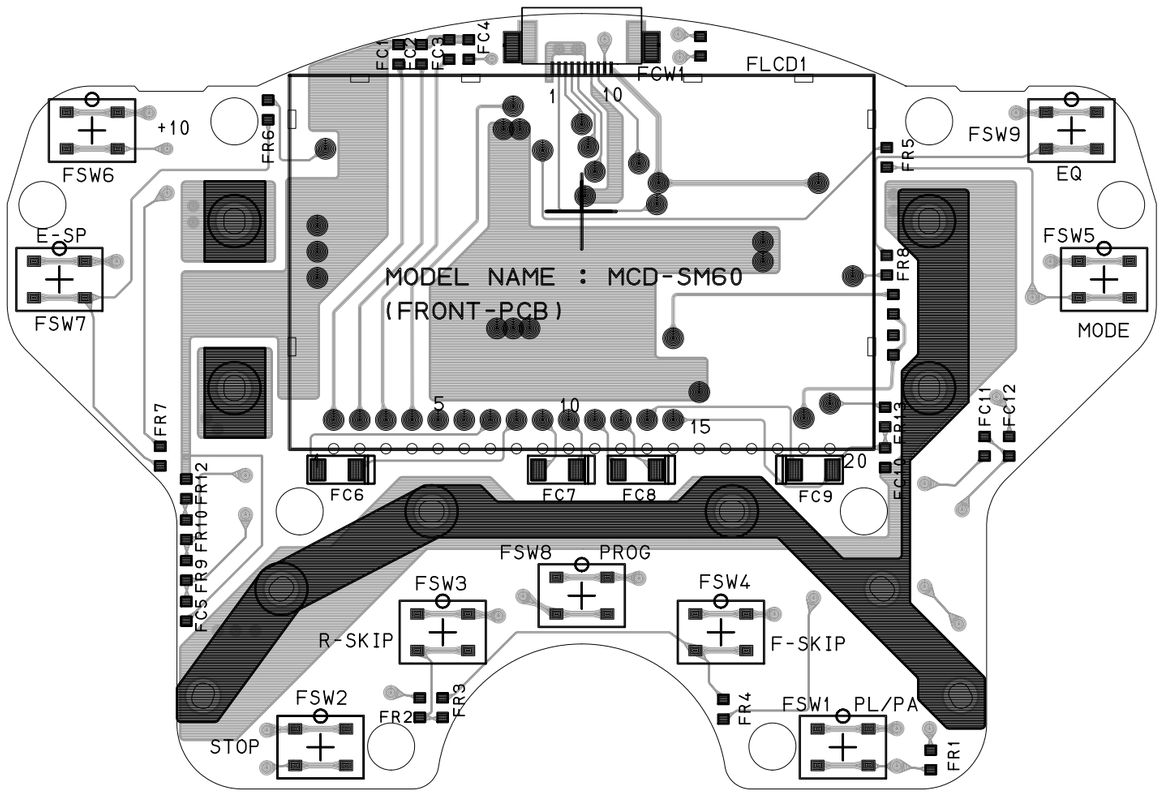
*** TOP VIEW of MCD-SM55**



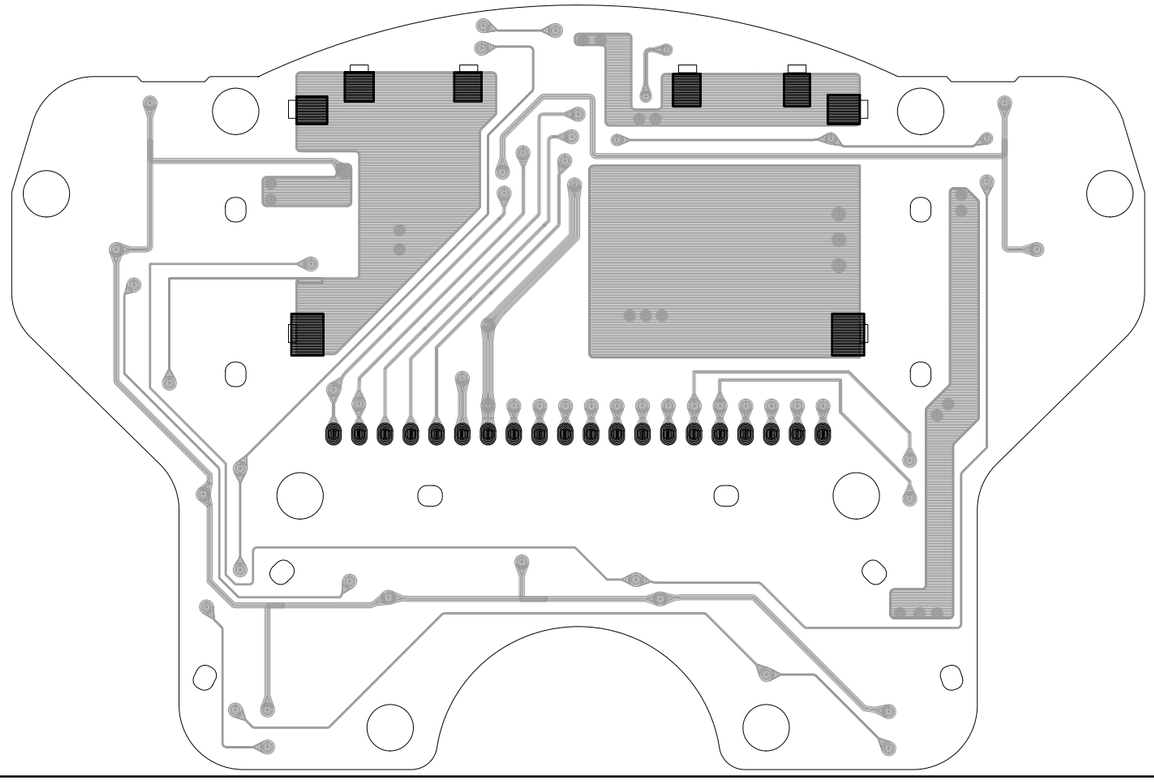
*** BOTTOM VIEW MCD-SM55**



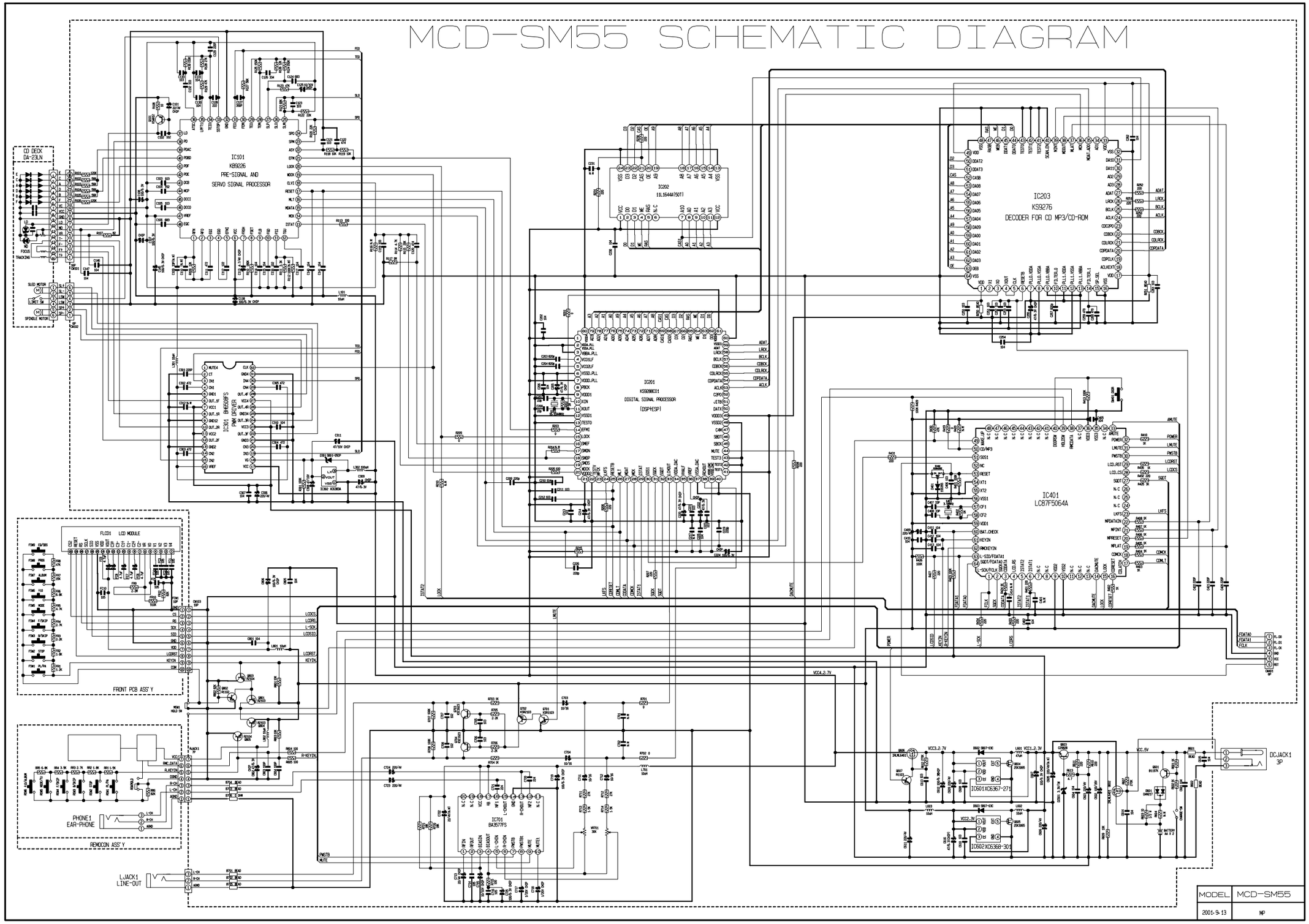
*** TOP VIEW of MCD-SM60**



*** BOTTOM VIEW MCD-SM60**



5. Schematic Diagram



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